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## How to take apart HP Pavilion dv6000 laptop



In this guide I explain how to take apart a HP Pavilion dv6000 series laptop. I'll be removing memory, hard drive, wireless card, CD/DVD optical drive and keyboard. Please use this guide at your own risk and only if your laptop is out of warranty.

In the next post I'll be [removing the LCD screen and inverter board](#).

### STEP 1.

Turn off the laptop, unplug the AC/DC power adapt and remove the battery.  
Remove screws from the memory and hard drive covers. Remove both covers.

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**STEP 2.**

Lift up the right side of the hard drive and disconnect it from the motherboard. Remove the hard drive.

**STEP 3.**

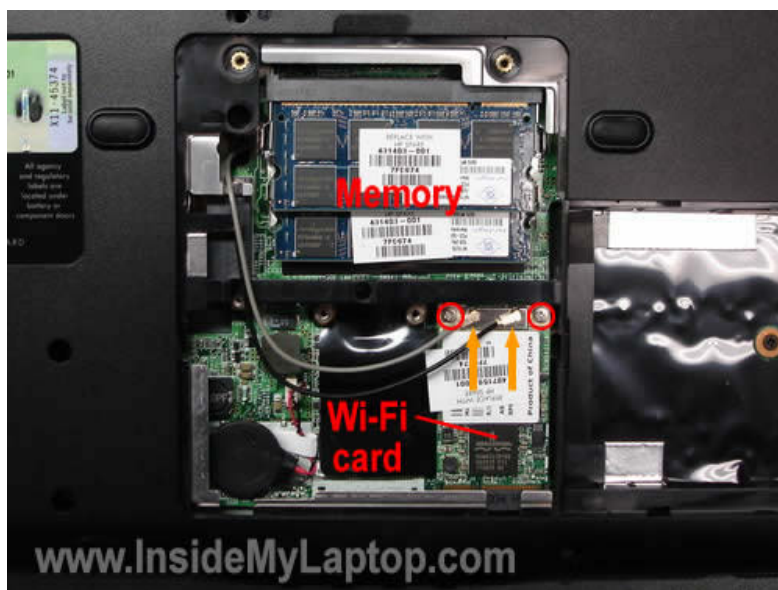
Remove one screw securing the CD/DVD optical drive. Pull the drive to the left and remove it from the laptop.



#### STEP 4.

In order to remove the memory module, spread latches on both sides from the memory module. The memory card will pop up at a 20-30 degree angle. Carefully [pull the memory module](#) from the slot by the edges. Remove both modules.

There are two wires connected to the wireless card (Wi-Fi card). These wires are antennas. In order to disconnect the antenna cable from the card, grab the gold connector with our finger tips and unsnap it from the card. Remove two screws securing the wireless card. Pull the wireless card from the slot.



#### STEP 5.

Now I'm going to remove the keyboard.

Remove three screws securing the keyboard bezel, I marked them with red circles.  
Remove three screws securing the keyboard, I marked them with green circles.

By the way, if you are replacing the keyboard, you don't have to remove memory, CD/DVD drive and wireless card. Simply go from the step 1 directly to the step 5.

**STEP 6.**

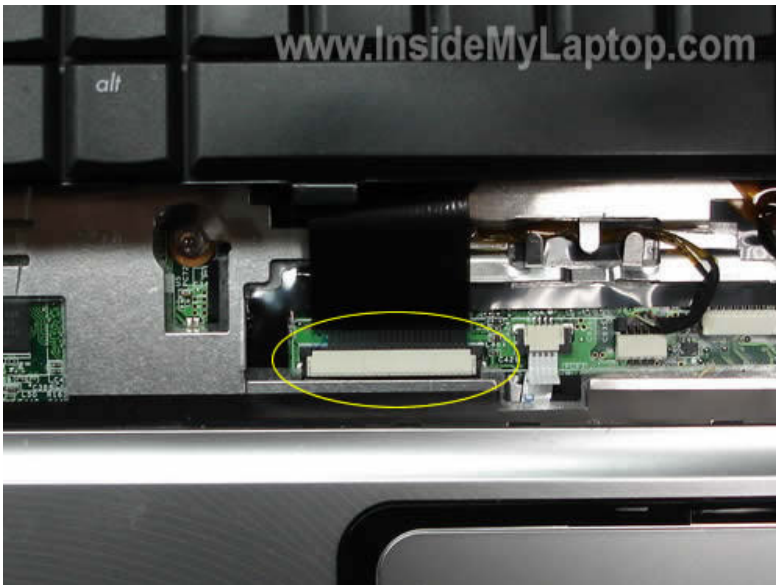
Turn the laptop over and start lifting up the bezel. Be careful, do not lift it up to far because there are wires connected to the bezel. You can see these wires on the last picture.

**STEP 7.**

After you release the bezel, you'll be able to lift up the keyboard as it shown on the picture below. Leave the bezel attached to the laptop.

**STEP 8.**

The keyboard is connected to the motherboard via a flat ribbon cable. Before you pull the cable you have to unlock the connector.

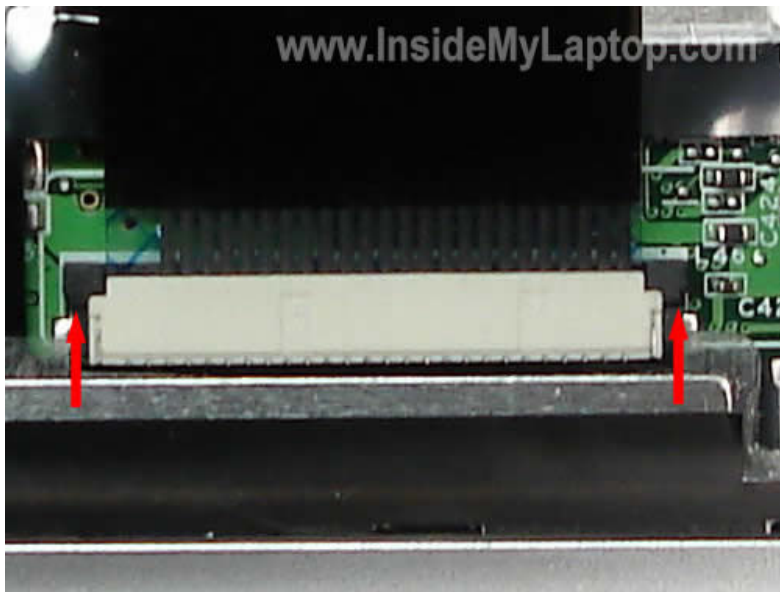
**STEP 9.**

Here's how to unlock the keyboard connector on the motherboard.

Very carefully move the connector locking tab to the direction shown by two red arrows using your finger nails. Move it about 2 millimeters, not more. The tab must stay attached to the connector. All you have to do is release the cable.

**WARNING!** If you destroy the connector, the internal keyboard will not function anymore. You'll have to either use the laptop with an external keyboard or replace the motherboard. The keyboard connector is permanently soldered to the motherboard.





After the cable has been released, you can pull it from the connector and remove the keyboard. Replace the keyboard with a new one if needed.

Here you can find [new replacement parts](#) for your HP Pavilion dv6000 laptop.



On the picture above you can see how the keyboard bezel is attached to the laptop. Be careful when you lifting up the bezel, you can accidentally disconnect the cables.

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202

*Jimi M* Says:

[September 3rd, 2009 at 6:51 pm](#)

Hi I am trying to save the data off the hard drive but it's got some strange connectors. How do I get it connected to a normal IDE cable so I can extract the data?

201

*Finn Taylor* Says:

[September 1st, 2009 at 11:45 pm](#)

Hi,

I have a hp dv6500 notebook.

For some reason my wireless card only picks up our wireless network from about 2-3 m from the router even though all the other laptops some of which are 1-2 years older than mine can pick it up at the other end of the house.

I was wondering what sort of card I would need to get to replace it? or if there is some settings I can change in order for it to pick up the network better ( same problem happens with other routers also)

Cheers

200

*george tarleton* Says:

[August 30th, 2009 at 11:30 pm](#)

top tech- thanks for info. i was thinking along the same lines also. i am stumped. not want to replace the mother board but my have to after rechecking everything else.

thanks so much for all your help and your clear instructions. they took the fear out of going outside the box, or inside the box, in this case,

best of luck.

george tarleton.

199

*mindfixer* Says:

[August 30th, 2009 at 1:43 pm](#)

The blue caps lock led on my dv9500 has stopped working - is this a user fixable item? Is it part of the motherboard?

198

*Laptop Tech* Says:

[August 28th, 2009 at 8:40 pm](#)

Bill,

How do i install a wifi card on my dv6700?

Same way you install the memory module. Insert the Wi-Fi card into the slot and push it down. Secure the card with two screws. Connect two antenna cable to the card.

197

*bill* Says:

[August 28th, 2009 at 1:28 pm](#)

How do i install a wifi card on my dv6700?

196

[Laptop Tech](#) Says:  
[August 26th, 2009 at 8:16 pm](#)

R Lee,

I have the cooling fan making some grinding sounds sometimes. I want to replace JUST the fan and was wondering what I need to disassemble. Can I go in from the top (bezel, keyboard, etc...) or does it need to be done by taking the entire bottom cover off?

In this model there is no easy access to the cooling fan. You'll have to take apart the whole laptop. Download maintenance and service guide from HP website, it has step-by-step laptop disassembly instructions.

195

[Laptop Tech](#) Says:  
[August 26th, 2009 at 8:11 pm](#)

george tarleton,

i replaced my power button ribbon and the power button itself. the internal speakers and power on/off button still do not work. do you have any suggestions on what to try next?

Not sure if I can help you.

I believe the power button board is connected directly to the motherboard via the [ribbon cable](#). When you push on the button, the signal goes to the motherboard through the cable and the laptop turns on.

If you replaced the power button board and cable but the power button still doesn't work it could be one of the following:

1. The ribbon cable is not connected properly. Make sure the orientation is right and check both connections.
2. One of the parts (power button board or ribbon cable) is defective.
3. Motherboard problem.

I don't know what else it could be.

194

[george tarleton](#) Says:  
[August 25th, 2009 at 8:41 am](#)

to laptop tech- i replaced my power button ribbon and the power button itself. the internal speakers and power on/off button still do not work. do you have any suggestions on what to try next?  
thank you - george tarleton

193

[R Lee](#) Says:  
[August 25th, 2009 at 5:32 am](#)

I have the cooling fan making some grinding sounds sometimes. I want to replace JUST the fan and was wondering what I need to disassemble. Can I go in from the top (bezel, keyboard, etc...) or does it need to be done by taking the entire bottom cover off? Thanks.

192

[Woody](#) Says:  
[August 15th, 2009 at 3:57 pm](#)

To Peter,

I have a dv6125 that I purchased in November of 2006 as part of a bundle (printer and camera) at OfficeMax. The microphone and speakers broke in summer of 08 and I elected to limp by by plugging in speakers and mike when I needed to ... and this past summer when the power button finally got so bad it required Herculean force, a swap of the ribbon cables fixed all three problems ... (and of course disabled the mostly-useless Quickplay buttons — booting up now takes longer as there must be something that tried to activate the QP buttons and finally times out)

191

[Laptop Tech](#) Says:  
[August 13th, 2009 at 2:48 pm](#)

Bryman,

i have a Dv9629us.....it looks pretty much the same as this.....do you suppose it comes apart the same??

dv9000 series laptop looks very similar to dv6000 but it's bigger.  
I posted some partial disassembly instructions for dv9000 series [here](#).



If you need to replace the motherboard, you can find instructions in the maintenance and service guide on HP website.

190

*Bryman* Says:

[August 10th, 2009 at 5:50 pm](#)

i have a Dv9629us.....it looks pretty much the same as this.....do you suppose it comes apart the same??

189

*george tarleton* Says:

[August 9th, 2009 at 11:31 pm](#)

peter- i bought mine dec 2006. i already replaced the power ribbon and the power button, but still has not fixed the problem.

any one with any ideas of what else might be wrong?

thanks.

188

*Peter* Says:

[August 9th, 2009 at 9:48 am](#)

To george tarleton and Znake, (and anyone else with an identical problem of the power button failing along with the speakers and microphone)

I have a suspicion that we have laptops from the same batch and that there might be a manufacturing defect (maybe design flaw) that causes these to fail in the same way. I'd like to pose that maybe there's a recall of some sort needed.

With that in mind, I'd just like to ask how many people have had this kind of problem, and when did you buy your dv6000?

187

*Alex* Says:

[August 5th, 2009 at 11:59 pm](#)

Hey thanks a lot for the explanation. It was very helpful. My screen decided that it no longer wanted to be attached to the laptop today so this came in very helpful! Thanks!

186

*george tarleton* Says:

[August 5th, 2009 at 9:08 am](#)

i posted a question (180) on 24 july and have not heard anything. are you not replying to questions any more?

thanks- george tarleton

185

*Brandon* Says:

[August 4th, 2009 at 8:03 am](#)

what you explained was simple.. but im having a hard time removing the palm rest.. the only thing holding it back is the touch pad and i dont see any screws that need to be removed... please reply if you know anything

184

*Dave Francis* Says:

[August 3rd, 2009 at 3:18 pm](#)

Hi Laptop Tech

I posted re my HP zd7000 -zd7143ea 17" only displaying when the power lead is connected.

Obviously not a 6000 so am I looking for help in the right area?

Thanks

Billybean

183

*Moz* Says:

[July 31st, 2009 at 9:10 pm](#)

Thanks

can u show how to open the backside ,and fan  
so we can open and clean te fan etc

thanks

Regards.

182

*gabe* Says:

[July 27th, 2009 at 8:55 am](#)

hi i have a hp dv6105us and i want to replace the usb drive next to the powerjack i was wondering if i still had to take out the hard drive and all that other stuff

181

*Rico Young* Says:

[July 26th, 2009 at 7:43 pm](#)

i have the hp pavilion dv6837cl. is it possible to upgrade the cpu and graphics card?

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